300Mbps Concurrent Dual Band Wireless N Gigabit Router
TEW-673GRU(V1.0R)

The 300Mbps Concurrent Dual Band Wireless N Gigabit Router delivers unsurpassed Dual Band wireless speed, coverage, and reliability with up to 14x the speed and 6x the coverage of a wireless g connection*.

Concurrent Dual Band technology creates two separate 300Mbps wireless n networks at the same time—one on the 2.4GHz frequency and the other on the less congested 5GHz frequency. A color LCD management interface provides real time performance, security, and device information thereby reducing the need to login to the router.

Share content by connecting USB flash drives, hard drives, or printers directly to two USB ports on the back of the router. Gigabit Ethernet ports offer exceptional wired throughput performance. Multiple Input Multiple Output (MIMO) antenna technology reduces wireless dead spots, advanced wireless encryption protects your digital content, and WMM® Quality of Service (QoS) technology prioritizes gaming, Internet calls, and video streams. Wi-Fi Protected Setup (WPS) connects WPS compliant computers at the touch of a button. Wirelessly stream HD multimedia using the uncongested 5GHz frequency while surfing the Internet using the 2.4GHz frequency.

FEATURES

- Compliant with IEEE 802.11n/g/b/a standards
- Transmits simultaneous 2.4GHz and 5GHz Wireless Local Area Network (WLAN) signals (with separate default SSIDs)
- 4 x 10/100/1000Mbps Auto-MDIX LAN ports
- 1 x 10/100/1000Mbps WAN port (Internet)
- 2 x USB 2.0 ports
- 1 x Wi-Fi Protected Setup (WPS) button
- Color LCD management interface: view device status, local time, network performance, and additional router management options
- Compatible with most popular cable/DSL Internet Service Providers using Dynamic/Static IP, PPPoE and PPTP
- High-speed data rates up to 300Mbps using an IEEE 802.11n connection
- Network a USB flash drive, hard drive, or printer using software utility
- 2 detachable antennas provide high-speed performance and expansive wireless coverage
- Advanced firewall protection with Network Address Translation (NAT) and Stateful Packet Inspection (SPI)
- Access restriction with Internet Access Control; MAC, Protocol, and Domain filtering
- Virtual server and Application Level Gateway (ALG) services for special Internet applications
- Universal Plug and Play (UPnP) for auto discovery and support for device configuration of Internet applications
- Multiple pass-through sessions for popular VPN applications (IPSec, L2TP, and PPTP)
- Advanced QoS support includes: Uplink speed control, IP prioritization and Wi-Fi Multimedia (WMM)
- One touch wireless security setup using the Wi-Fi Protected Setup (WPS) button
- Complete wireless security with WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK, and WEP
- USB control center utility (designed for storage devices and print servers) works with Windows 7/Vista/2000/XP
- 3- year limited warranty

*Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.

SPECIFICATIONS

Hardware	
Standard	• Wired: IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), IEEE 802.3ab (1000Base-TX) • Wireless: IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n • USB 2.0
WAN	• 1 x 10/100/1000Mbps Auto-MDIX port (Internet)
LAN	• 4 x 10/100/1000Mbps Auto-MDIX port
USB	• 2 x USB 2.0, 1.1 compliant USB type A port
WPS Button	• Wi-Fi Protected Setup (WPS) with other WPS compliant devices
Connection Type	• Dynamic IP, Static (fixed) IP, PPPoE, PPTP
Router/ Firewall	• Enable/disable firewall • NAT, SPI and DoS (block ping, port scan, sync flood) • MAC / Protocol/Domain filtering (deny or allow) • UPnP, DMZ, Static/Dynamic Route support
LCD	• 1.5" x 1.25" color LCD management interface with 4 control buttons
LCD display	• Displays real time performance statistics (2.4GHz, 5GHz, wired switch ports, and Internet connection), device status (2.4GHz, 5GHz, wired switch ports, and Internet connection), management controls (router restart, factory reset, date/time, connected device information), WPS setup, and current PIN information
LED Indicator	• Power
Power Adapter	• 12V DC, 2A external power adapter
Power Consumption	• 1200mA (max)
Dimension (L x W x H)	• 194 x 118 x 38.5 mm (7.6 x 4.6 x 1.5 in.)
Weight	• 365 g (12.8 oz)
Temperature	• Operation: 0°~ 40°C (32°F~ 104°F) • Storage: -10°~ 70°C (14°F~158°F)
Humidity	• Max. 95% (non-condensing)
Certifications	• CE, FCC
Antenna	• 2 x 2dBi detachable dipole antennas
Wireless	
Frequency	• 2.415 ~2.484GHz • 5.180~5.240GHz / 5.745~5825GHz (a/n)
Antenna	• 2 x 3dBi detachable dipole antennas
Modulation	• OFDM: BPSK, QPSK, 16-QAM, 64-QAM • DBPSK, DQPSK, CCK
Data Rate	• 802.11a: up to 54Mbps • 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 300Mbps
Security	• 64/128-bit WEP, WPA-PSK(TKIP)/WPA2-PSK(AES), WPA/WPA2-RADIUS • MAC/Protocol/Domain filter
QoS	• 8WMM, uplink speed control, IP prioritization
Output Power	• 802.11a: 14dBm (typical) • 802.11b: 15dBm (typical) • 802.11g: 15dBm (typical) • 802.11n: 14dBm (typical) with HT20 or HT40
Receiving Sensitivity	• 802.11a: -70dBm (typical) @ 54Mbps • 802.11b: -86dBm (typical) @ 11Mpbs • 802.11g: -71dBm (typical) @ 54Mbps • 802.11n: -64dBm (typical) with HT20 or HT40
Channels	• 2.4GHz : 1~11 (FCC), 1~13 (ETSI) • 5GHz : Customer to select channels in compliance with respective local regulations

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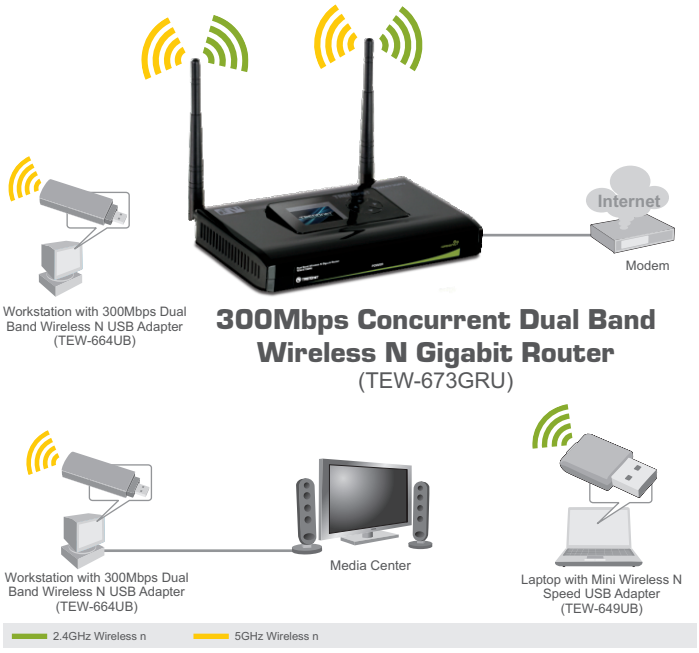
NETWORKING SOLUTION


Internet
Modem
Workstation with 300Mbps Dual Band Wireless N USB Adapter (TEW-664UB)
300Mbps Concurrent Dual Band Wireless N Gigabit Router
(TEW-673GRU)
Workstation with 300Mbps Dual Band Wireless N USB Adapter (TEW-664UB)
Media Center
Laptop with Mini Wireless N Speed USB Adapter (TEW-649UB)
2.4GHz Wireless n
5GHz Wireless n

PACKAGE CONTENTS

- TEW-673GRU
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Cat. 5 Ethernet cable (1.5m / 5ft.)
- Power adapter (12V, 2A)

RELATED PRODUCTS

TEW-664UB	300Mbps Dual Band Wireless N USB Adapter
TEW-649UB	Mini Wireless N Speed USB Adapter
TEW-671RB	300Mbps Concurrent Dual Band Wireless N Router

ORDERING INFORMATION

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